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**TEXTILE INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

FZ/T 01057.1-2007

**Test method for identification of textile fibres - Part 1: General
introduction
(English Translation)**

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Foreword

FZ/T 01057 "Test method for identification of textile fibers" includes the following nine parts.

- Part 1. General introduction;
- Part 2. Burning behavior;
- Part 3. Microscopy;
- Part 4. Solubility;
- Part 5. Qualitative observation of color-production for chlorine and nitrogen;
- Part 6. Fiber melting point;
- Part 7. Density gradient column method;
- Part 8. Infrared absorption spectrum;
- Part 9. Birefringence.

This Part is Part 1 of FZ/T 01057.

This Part replaces FZ/T 01057.1 - 1999 "Test method for identification of textile fibers -- Introduction".

Compared with FZ/T 01057 - 1999, the former 11 parts were changed to 9 ones and the order of each part was adjusted in this revision. The former Part 5 "Dye and stain

tests" and Part 11 "Comprehensive method" were deleted; former Part 6 "Qualitative observation of color-production for chlorine and nitrogen" was changed to Part 5; former Part 7 "Fiber melting point" was changed to Part 6; former Part 9 "Density gradient column method" was changed to Part 7; former Part 10 "Birefringence" was changed to Part 9.

Compared with FZ/T 01057.1 - 1999, this Part has the following revisions.

- 1) Standard name was changed to "Test method for identification of textile fibers - Part 1. General introduction";
- 2) The chapter "Normative References" was added;
- 3) The chapter "terms and definitions" was added;
- 4) The chapter "General procedures of fiber identification test" was added;

Test Method for Identification of Textile Fibers -

Part 1. General Introduction

1 Scope

This Part of FZ/T 01057 is the general introduction of the test method for identification of textile fibers. This part specifies some common technical requirements of the test method for identification of textile fibers and provides the general procedures of fiber identification test.

This Part is applicable to the identification of textile fibers.

2 Normative References

The following standards contain the provisions which, through reference in this part of FZ/T 01057, constitute the provisions of this standard. For dated reference, the subsequent amendments (excluding correction) or revisions of these publications do not apply. However, the parties who reach an agreement based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards. For undated references, the latest edition of the normative document referred to applies.

GB/T 4146 Textile - Terms and terminology (parts of chemical fibers)

GB/T 11951 Textiles - Natural fibers - Generic names and definitions

FZ/T 01053 Textiles - Identification of fiber content

3 Terms and Definitions

The names of fibers adopted in this series of standards shall meet the requirements of the relevant national standards or industry standards. Names specified in GB/T 11951 shall be adopted for the natural fibers; those specified in GB/T 4146 shall be adopted for the chemical fibers and other fibers. Fibers whose names are not specified in the national standards or industry standards may be implemented in reference to the requirements of FZ/T 01053.

4 Principle

The contents required by the test report shall be indicated under this title of each method. Except the necessary information such as test results, any deviation conditions in the operation procedures shall be indicated.

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